## **Amendments to the Claims:**

Please amend the claims as follows:

- 1. (Original) A fuel composition comprising:
  - (i) a fuel; and
  - (ii) a film-forming additive;

wherein the fuel comprises diesel and a fuel alcohol; and wherein the film-forming additive is present in the fuel composition in an amount of less than 0.1 wt%.

- 2. (Original) A fuel composition according to claim 1 wherein the film-forming additive is present in the fuel composition in an amount of less than 0.01wt%.
- 3. (Currently Amended) A fuel composition according to claim 1 or 2 wherein the fuel alcohol is present in the fuel in an amount of 1 to 30% by volume.
- 4. (Cancelled)
- 5. (Currently Amended) A fuel composition according to claim 1 The invention according to any one of the preceding claims wherein the fuel further comprises a co-solvent.
- 6. (Original) The invention according to claim 5 wherein the co-solvent is an alcohol.
- 7. (Currently Amended) A fuel composition The invention according to claim 5 or 6 wherein the co-solvent ec-solvent has the formula R<sup>1</sup>O(CH<sub>2</sub>CH<sub>2</sub>O)<sub>n</sub>H, wherein n is a number from 0 to 10 and R<sup>1</sup> is a C<sub>1-30</sub> hydrocarbyl group.
- 8. (Currently Amended) <u>A fuel composition</u> The invention according to <u>claim</u> any one of <u>claims 5 to 7</u> wherein the co-solvent is selected from:
- (i) R<sup>1</sup>O(CH<sub>2</sub>CH<sub>2</sub>O)<sub>n</sub>H wherein n is 0 and R<sup>1</sup> is ethylhexyl; and
- (ii) R<sup>1</sup>O(CH<sub>2</sub>CH<sub>2</sub>O)<sub>n</sub>H wherein n is from 2 to 3 and R<sup>1</sup> is a C<sub>5</sub> to C<sub>15</sub> alkyl.

- 9. (Currently Amended) A fuel composition The invention according to claim 1 any one of the preceding claims wherein the fuel further comprises a surfactant.
- 10. (Currently Amended) A fuel composition The invention according to claim 9 wherein the surfactant has the formula  $R^2(CO)_m$ - $N(CH_2CH_2OH)_2$  wherein m is 0 or 1 and  $R^2$  is a  $C_{1-30}$  hydrocarbyl group.
- 11. (Currently Amended) A fuel composition The invention according to claim 10 wherein  $R^2$  is a  $C_{8-22}$  hydrocarbon group.
- 12. (Currently Amended) A fuel composition The invention according to claim 10 any one of elaims 9 to 11 wherein the surfactant is selected from:
- (i)  $R^2(CO)_m$ -N(CH<sub>2</sub>CH<sub>2</sub>OH)<sub>2</sub> wherein  $R^2$  is a C<sub>18</sub> alkenyl and m is 0; and
- (ii)  $R^2(CO)_m$ -N(CH<sub>2</sub>CH<sub>2</sub>OH)<sub>2</sub> wherein  $R^2$  is a saturated or unsaturated C<sub>17</sub> hydrocarbon and m is 1.
- 13. (Currently Amended) A fuel composition The invention according to claim 9 any one of the preceding claims wherein the fuel further comprises a co-solvent of formula  $R^1O(CH_2CH_2O)_nH$  wherein n is 0 and  $R^1$  is ethylhexyl; and a surfactant of formula  $R^2(CO)_m-N(CH_2CH_2OH)_2$  wherein  $R^2$  is a  $C_{18}$  alkenyl and m is 0.
- 14. (Currently Amended) A fuel composition The invention according to claim any one of elaims 1 to 12 wherein the fuel further comprises a co-solvent of formula  $R^1O(CH_2CH_2O)_nH$  wherein n is from 2 to 3 and  $R^1$  is a  $C_5$  to  $C_{15}$  alkyl; and a surfactant of formula  $R^2(CO)_m$ - $N(CH_2CH_2OH)_2$  wherein  $R^2$  is a saturated or unsaturated  $C_{17}$  hydrocarbon and m is 1.
- 15. (Currently Amended) A fuel composition The invention according to claim 1 any one of the preceding claims wherein the film-forming additive comprises a functional group selected from the group consisting of a carboxylic acid, a carboxylic ester, an alcohol, an amide and an amine.

- 16. (Currently Amended) A fuel composition The invention according to claim 15 any one of the preceding claims wherein the film-forming additive is one or more compounds selected from the group consisting of:
- (a) a C<sub>5</sub>-C<sub>100</sub> hydrocarbyl substituted with at least one carboxylic acid group;
- (b) the reaction product of a C<sub>5</sub>-C<sub>100</sub> hydrocarbyl substituted with at least one carboxylic acid group or comprising at least one carboxylic anhydride group with
  - (i) a reactive alcohol; and/or
  - (ii) an amine; and/or
  - (iii) an alcohol-amine; and/or
  - (iv) an amino acid;
- (c) a polymeric hydrocarbyl substituted with a hydroxy group and/or substituted with a group comprising a nitrogen; and
- (d) an aromatic ring system substituted with a hydroxy group and/or substituted with a group comprising an amine and optionally substituted with a hydrocarbon group.
- 17. (Currently Amended) A fuel composition The invention according to claim 16 wherein the  $C_5$ - $C_{100}$  hydrocarbyl is aliphatic.
- 18. (Currently Amended) A fuel composition The invention according to claim 16 or 17 wherein the  $C_5$ - $C_{100}$  hydrocarbyl is a  $C_5$ - $C_{100}$  hydrocarbon.
- 19. (Currently Amended) A fuel composition The invention according to claim any one of claims 16 to 18 wherein the C<sub>5</sub>-C<sub>100</sub> hydrocarbyl is a C<sub>5</sub>-C<sub>100</sub> alkyl or alkenyl.
- 20. (Currently Amended) A fuel composition The invention according to claim any one of elaims 16 to 19 wherein the film-forming additive is (a) a C<sub>5</sub>-C<sub>100</sub> hydrocarbyl substituted with at least one carboxylic acid group having emprises a terminal carboxylic acid group.
- 21. (Currently Amended) A fuel composition The invention according to claim 20 wherein the  $C_5$ - $C_{100}$  hydrocarbyl substituted with at least one carboxylic acid group is linear.
- 22. (Currently Amended) A fuel composition The invention according to claim 20 or 21 wherein the C<sub>5</sub>-C<sub>100</sub> hydrocarbyl substituted with at least one carboxylic acid group is

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ATTORNEY DOCKET NO.: 745003-1000

selected from the group consisting of lauric, myristic, myristoleic, palmitic, palmitoleic, stearic, elaidic, oleic and linoleic acid.

- 23. (Currently Amended) A fuel composition The invention according to claim any one of elaims 16 to 19 wherein the film-forming additive is (a) a  $C_5$ - $C_{100}$  hydrocarbyl substituted with at least one carboxylic acid group and wherein the  $C_5$ - $C_{100}$  hydrocarbyl substituted with at least one carboxylic acid group is substituted with at least two carboxylic acid groups.
- 24. (Currently Amended) A fuel composition according to claim 23 wherein the  $C_5$ - $C_{100}$  hydrocarbyl substituted with at least two carboxylic acid groups is a dimer-acid.
- 25. (Currently Amended) A fuel composition according to claim 23 wherein the C<sub>5</sub>-C<sub>100</sub> hydrocarbyl substituted with at least two carboxylic acid groups is derived from maleic acid, maleic anhydride, succinic acid or succinic anhydride.
- 26. (Currently Amended) A fuel composition according to claim 23 any one of the preceding elaims wherein the film-forming additive is the reaction product of a  $C_5$ - $C_{100}$  hydrocarbyl substituted with at least one carboxylic acid group or comprising at least one carboxylic anhydride group with a reactive alcohol.
- 27. (Currently Amended) <u>A fuel composition</u> according to claim 26 wherein the reactive alcohol is a diol, a triol or a polyol.
- 28. (Currently Amended) <u>A fuel composition</u> according to claim <del>26 or</del> 27 wherein the reactive alcohol is selected from the group consisting of ethylene glycol, propylene glycol, butylene glycol, glycerol, pentaerythritol and oligomers thereof.

29. (Currently Amended) A fuel composition according to claim 23 any one of claims 26 to 28 wherein the film-forming additive is a compound of formula

wherein PIB is a polyisobutene group having an average molecular weight of from 200 to 300 and  $R^3$  and  $R^4$  are independently selected from -CH<sub>2</sub>CH<sub>2</sub>OH<sub>3</sub> -CH(CH<sub>3</sub>)<sub>2</sub>, and H with the proviso that  $R^3$  and  $R^4$  are not both H.

- 30. (Currently Amended) A fuel composition according to claim 29 28 either R<sup>3</sup> and R<sup>4</sup> are both -CH<sub>2</sub>CH<sub>2</sub>OH or one of R<sup>3</sup> and R<sup>4</sup> is -CH<sub>2</sub>CH<sub>2</sub>OH and the other is -CH(CH<sub>3</sub>)<sub>2</sub>.
- 31. (Currently Amended) A fuel composition according to claim 16 wherein the <u>film-forming</u> additive is (c) a polymeric hydrocarbyl and the polymeric hydrocarbyl is a polymer of C<sub>2</sub>-C<sub>10</sub> hydrocarbon monomers.
- 32. (Currently Amended) A fuel composition according to claim 31 wherein the polymeric hydrocarbyl is a polymer of C<sub>2</sub>-C<sub>4</sub> hydrocarbon monomers.
- 33. (Currently Amended) A fuel composition according to claim 31 or 32 wherein the polymeric hydrocarbyl is a primary alcohol.
- 34. (Currently Amended) A fuel composition according to claim 31 or 32 wherein the polymeric hydrocarbyl is substituted with a group comprising an amide group.
- 35. (Currently Amended) A fuel composition according to claim 16 wherein the <u>film-forming</u> additive is (d) a substituted aromatic ring system <u>which</u> is the product of a Mannich reaction.

6

- 36. (Currently Amended) A fuel composition according to claim 1 any one of the preceding elaims wherein the fuel alcohol is an aliphatic alcohol.
- 37. (Currently Amended) A fuel composition according to claim 36 any one of the preceding elaims wherein the fuel alcohol is an alkanol comprising an alkyl group and a hydroxy group.
- 38. (Currently Amended) A fuel composition according to claim 37 wherein the alkyl group is linear.
- 39. (Currently Amended) A fuel composition according to claim 1 any one of the preceding elaims wherein the fuel alcohol is a  $C_1$ - $C_{10}$  alcohol.
- 40. (Currently Amended) A fuel composition according to claim 39 any one of the preceding elaims wherein the fuel alcohol is a  $C_1$ - $C_5$  alcohol.
- 41. (Currently Amended) <u>A fuel composition</u> according to <u>claim 40</u> any one of the preceding elaims wherein the fuel alcohol is selected from methanol, ethanol, propanol, and isopropanol, and mixtures thereof.
- 42. (Currently Amended) <u>A fuel composition</u> according to <u>claim 41</u> any one of the preceding elaims wherein the fuel alcohol is ethanol.
- 43. (Original) A process for supplying a fuel composition to a combustion engine wherein the process comprises
- (i) pumping the fuel composition with a rotary pump to supply the fuel composition to the combustion engine wherein the fuel composition comprises diesel, a fuel alcohol and a film-forming additive.
- 44. (Currently Amended) A process according to claim 43 wherein the <u>pumping step pump</u> supplies the fuel composition to the combustion engine at a rate which under normal design operating conditions would result in cavitation of the pump if operated with a fuel comprising diesel and the fuel alcohol in the absence of the film-forming additive.

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ATTORNEY DOCKET NO.: 745003-1000

- 45. (Currently Amended) A process according to claim 43 or 44 wherein the fuel composition comprises:
- (i) a fuel comprising diesel, a fuel alcohol, optionally a co-solvent, and optionally a surfactant; and
- (ii) less than 0.1 wt% of a film-forming additive is as defined in any one of claims 1 to 42.
- 46. (Cancelled)
- 47. (Cancelled)
- 48. (Cancelled)
- 49. (New) A fuel composition according to claim 13 wherein the film-forming additive is one or more compounds selected from the group consisting of:
- (a) a C<sub>5</sub>-C<sub>100</sub> hydrocarbyl substituted with at least one carboxylic acid group;
- (b) the reaction product of a  $C_5$ - $C_{100}$  hydrocarbyl substituted with at least one carboxylic acid group or comprising at least one carboxylic anhydride group with
  - (i) a reactive alcohol; and/or
  - (ii) an amine; and/or
  - (iii) an alcohol-amine; and/or
  - (iv) an amino acid;
- (c) a polymeric hydrocarbyl substituted with a hydroxy group and/or substituted with a group comprising a nitrogen; and
- (d) an aromatic ring system substituted with a hydroxy group and/or substituted with a group comprising an amine and optionally substituted with a hydrocarbon group.
- 50. (New) A fuel composition according to claim 42 wherein the film-forming additive is one or more compounds selected from the group consisting of:
- (a) a C<sub>5</sub>-C<sub>100</sub> hydrocarbyl substituted with at least one carboxylic acid group;
- (b) the reaction product of a  $C_5$ - $C_{100}$  hydrocarbyl substituted with at least one carboxylic acid group or comprising at least one carboxylic anhydride group with

- (i) a reactive alcohol; and/or
- (ii) an amine; and/or
- (iii) an alcohol-amine; and/or
- (iv) an amino acid;
- (c) a polymeric hydrocarbyl substituted with a hydroxy group and/or substituted with a group comprising a nitrogen; and
- (d) an aromatic ring system substituted with a hydroxy group and/or substituted with a group comprising an amine and optionally substituted with a hydrocarbon group.
- 51. (New) A process according to claim 43 wherein the film-forming additive is one or more compounds selected from the group consisting of:
- (a) a C<sub>5</sub>-C<sub>100</sub> hydrocarbyl substituted with at least one carboxylic acid group;
- (b) the reaction product of a  $C_5$ - $C_{100}$  hydrocarbyl substituted with at least one carboxylic acid group or comprising at least one carboxylic anhydride group with
  - (i) a reactive alcohol; and/or
  - (ii) an amine; and/or
  - (iii) an alcohol-amine; and/or
  - (iv) an amino acid;
- (c) a polymeric hydrocarbyl substituted with a hydroxy group and/or substituted with a group comprising a nitrogen; and
- (d) an aromatic ring system substituted with a hydroxy group and/or substituted with a group comprising an amine and optionally substituted with a hydrocarbon group.
- 52. (New) A process for inhibiting and/or preventing cavitation in a fuel and/or reducing the effects of cavitation in a fuel, wherein the fuel comprises diesel and a fuel alcohol, comprising the step of mixing the fuel with less than 0.1 wt% of a film-forming additive.
- 53. (New) A process according to claim 52 wherein the film-forming additive is one or more compounds selected from the group consisting of:
- (a) a C<sub>5</sub>-C<sub>100</sub> hydrocarbyl substituted with at least one carboxylic acid group;
- (b) the reaction product of a  $C_5$ - $C_{100}$  hydrocarbyl substituted with at least one carboxylic acid group or comprising at least one carboxylic anhydride group with
  - (i) a reactive alcohol; and/or

ATTORNEY DOCKET NO.: 745003-1000

- (ii) an amine; and/or
- (iii) an alcohol-amine; and/or
- (iv) an amino acid;
- (c) a polymeric hydrocarbyl substituted with a hydroxy group and/or substituted with a group comprising a nitrogen; and
- (d) an aromatic ring system substituted with a hydroxy group and/or substituted with a group comprising an amine and optionally substituted with a hydrocarbon group.

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